KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	it:			((See Instruc	tions on Re	everse Side	9)				
Open Flow												
Deliverabilty				Test Date: 10/10/2015				API No. 15 15-119-00131 – 0000				
Company ABERCROMBIE ENERGY, LLC				Lease ESTES							Well Number	
County MEADE	County Location MEADE SW SE			Section 19				RNG (E/W) 29W		Acres Attributed		
Field ANGELL			Reservoi MORRO			Gas Gathering Cont DUKE ENERGY F						
Completion Date 2/23/60			Plug Back Total Depth 5668'				Packer \$	Set at	_			
Casing S 5 1/2"	Casing Size Weight 5 1/2" 14#			Internal Diameter 5.012"		Set at 5701'		Perforations 5571'		то 5630'		
Tubing S 2 3/8"	Tubing Size Weight 2 3/8" 4.7#			Internal Diameter 1.995"		Set at 5600'		Perforations NONE		То		
Type Cor SINGLE		(Describe) WELL		Type Flui NONE	d Production	n		Pump U	nit or Traveling	g Plunger? Yes	/ No	
Producing Thru (Annulus / Tubing) TUBING				% C 0.08	Carbon Dioxi	đe	le % Nitroge 9,41		en Gas Gravit 0.73		ravity - G _o	
Vertical Depth(H) 5845'				Pressure Taps						(Meter Run) (Prover) Size 4" PIPE		
	Buildup:	Shut in 10	/10 2	0 <u>15</u> at 9	:00	(AM) (PM)	Taken_10)/11	20	15 _{at} 9:00		
Well on Line:		Started	Started2		0 at		(AM) (PM) Taken		20	at	(AM) (PM)	
					OBSERVE	D SURFAC	E DATA			Duration of Shut	in_24Hou	
Static / Orifice Dynamic Size Property (inches)		Meter Prover Press		Finaing Wall Ho:		Wellhoad Proceure		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	(menac	y psig (Pm)	Inches H ₂ 0	<u> </u>	· ·	psig 145#	psia 159.4#	psig	psia	24 hrs.		
Flow												
		- '			FLOW STR	EAM ATTR	IBUTES	<u> </u>				
Plate Coefficcient (F _b) (F _p) Mcfd		Circla one: Meter or Prover Pressure psia	Meter or Extension over Pressure		Gravity Factor F _g		Deviation Factor F _{pv}		Metered Flov R (Mcfd)	w GOR (Cubic Fe Barrel)	Gravitu	
(P _c)² =		: (P)2:	=:	(OPEN FLO	OW) (DELIV) CALCUL] - 14.4) +			(P _a) (P _d)	² = 0.207 ² =	
(P _c) ² - (I	P _a) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _s ² 2. P _c ² - P _d ² divided by: P _c ² - P _s ²	LOG of formula 1, or 2. and divide	P.2- P.2	Backpre Slo 	ssure Curve pe = "n" - or	n x	rog	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
										<u> </u>		
Open Flow Mcfd @ 14.				.65 psia Deliverabili			oility	Mcfd @ 14.65 psia				
	, ,	••	on behalf of the						e above repo	ort and that he ha	s knowledge of	
								Sa	in m.	ral		
		Witness	(if any)	A	C WIC	CHITA		1-10-	For C	Company		
		For Com	nission		EC 15				Chec	sked by		
					RECEI	VED						

exempt status under Rule K.A.R. 82-3-36 and that the foregoing pressure information correct to the best of my knowledge and of equipment installation and/or upon types.	under the laws of the state of Kansas that I am authorized to request 04 on behalf of the operator ABERCROMBIE ENERGY, LLC ation and statements contained on this application form are true and I belief based upon available production summaries and lease records be of completion or upon use being made of the gas well herein named. ESTES #1
(Check one) is a coalbed methane	e producer
	lift due to water Il gas for injection into an oil reservoir undergoing ER Dresent time; KCC approval Docket No
<u> </u>	ducing at a daily rate in excess of 250 mcf/D
I further agree to supply to the best staff as necessary to corroborate this c	of my ability any and all supporting documents deemed by Commission laim for exemption from testing.
Date: December14, 2015	
KCC WICHITA DEC 1,5, 2015 RECEIVED	Signature:

Instructions:

If a gas well meets one of the eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may complete the statement provided above in order to claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been measured after a minimum of 24 hours shut-in/buildup time and shall be reported on the front side of this form under **OBSERVED SURFACE DATA**. Shut-in pressure shall thereafter be reported yearly in the same manner for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption **IS** denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.